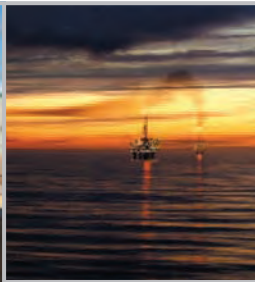




TWMA CCDS System



The Cuttings Collection Distribution System is a constituent part of the Integrated Drilling Waste Management Solution managed and operated by TWMA

Talk to the specialists

Operation

The collection and distribution of drilled cuttings (CCDS) and associated drilling wastes in bulk on an offshore/onshore rig or at a processing facility is a vital part of the overall process of recycling and/or disposal of drilling waste.

To meet these demands TWMA have used their many years of experience in the processing and handling of drilled cuttings and associated drilling wastes to develop an integrated collection and distribution system.

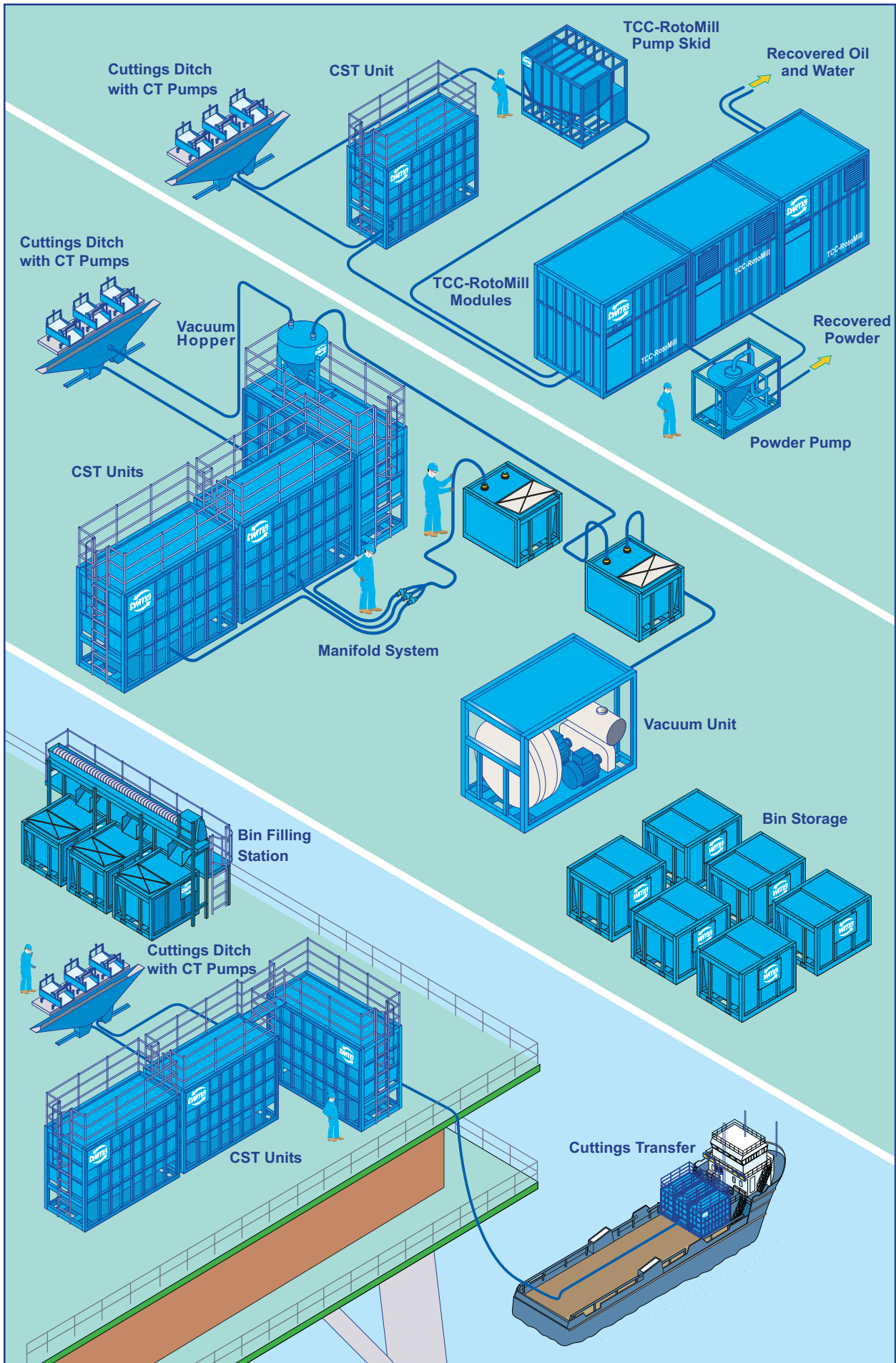
The TWMA CCDS system incorporates a range of equipment to suit the specific needs of projects including but not limited to TWMA Modular Bin Filling Stations, Screw Conveyors, TWMA CT (Cuttings Transfer) Pumps, TWMA CST (Cuttings Storage Transfer) Units, TWMA Vacuum Transfer System plus ancillary equipment and operating personnel and management.

- Simple and quick installation (minimal rig modifications required)
- TWMA design and installation
- Industry leading TWMA Modular Bin Filling Stations
- Field proven pumps specifically designed for drilled cuttings
- High pumping capacity
- Drill Cuttings Screw Conveyors
- Small footprint
- Significantly reduces crane movements
- Flexible system
- Vacuum Rated Cuttings Skips
- TWMA Operating Personnel
- Daily Reporting System detailing volumes and types of wastes
- End of Well Reporting

Safety and Certification

TWMA has taken care in selecting quality components and systems to ensure a safe and user friendly system.

- Fully Guarded
- Zone 1/Category 1 and Zone 2/ Category 2
- Lifting Frames and Gear to DNV 2.7.-1 or BS 7072
- There are other certification options available on request
- All components are manufactured in accordance with CE regulations where applicable
- Low noise due to use of electric drives (diesel available on request)
- All pipe work rated at applicable standards.
- Drill Cuttings Skips Vacuum rated
- Trained operators
- Operators manual
- Maintenance programme



Equipment Specifications Weight & Dimensions

Please note that not all equipment is listed below due to variable nature of specifications available to suit project requirements.

CT Unit		The TWMA CT unit is an integral part of the TWMA CCDS System providing the capability to pump materials as required. The CT Units are field proven and is found to be highly reliable working for most if not all the major oil and gas operators often in extremes of temperature and harsh operating conditions.
Length*		
Width*		
Height*		
Weight (Depending on Prime Mover)		
Prime Mover (Electric)		
Motor	Zone 1/Category 1	
Power	75Kw/100HP	
Prime Mover (Diesel)		
Motor	Zone 2 T3/Category 2	
Power	86Kw/115HP	

* The two sizes given are for information as various options are available.

CST Unit		The TWMA CST unit is an integral part of the TWMA CCDS System providing the capability to store and pump materials as required. The CST Units are field proven and is found to be highly reliable working for most if not all the major oil and gas operators often in extremes of temperature and harsh operating conditions.
Length*	6.3mtrs	
Width*	2.7mtrs	
Height*	3.7mtrs	
Weight (Depending on Prime Mover)	13 tonnes	
Prime Mover (Electric)		
Motor	Zone 1/Category 1	
Power	75Kw/100HP	
Prime Mover (Diesel)		
Motor	Zone 2 T3/Category 2	
Power	86Kw/115HP	

* The sizes given are for information as various options are available.

Vacuum Unit		The TWMA Vacuum unit is an integral part of the TWMA Vacuum System providing the suction capability. The system is field proven and is found to be highly reliable working for most if not all the major oil and gas operators often in extremes of temperature and harsh operating conditions.
Length	3000 mm	
Width	1820 mm	
Height	2050 mm	
Weight (Depending on Prime Mover)	4000 Kg	
Prime Mover (Electric)		
Motor	Zone 1/Category 1	
Power	75Kw/100HP	
Prime Mover (Diesel)		
Motor	Zone 2 T3/Category 2	
Power	86Kw/115HP	
Vacuum Pump		
Type	Liquid Ring	
Suction Capacity @ 500 mbar	2000 m³/Hr	

Vacuum Hopper		The TWMA Vacuum Hopper is used to receive material from the vacuum lines and drop the material into either the TWMA CST tank, Reinjection Unit, Cuttings Driers, TCC RotoMill or Cuttings Bins.
Height	2224 mm	
Width	1530 mm	
Length	1740 mm	
Tare Weight	2000 kg	
Gross Weight	2250 kg	

Vacuum Rated Cuttings Bins		TWMA Vacuum bins are available in standard sizes as shown or custom units sized to suit an individual contract. The bins are Vacuum rated to enable collection of material directly to the bins from the vacuum pipes. The standard bins are designed and built to comply with DNV2.7-1.
4.0 MT		
Length	1900 mm	
Width	1710 mm	
Height	1282 mm	
Tare Weight	1.0 MT	
Gross Weight	4.0 MT	
7.0 MT		
Length	2300 mm	
Width	1780 mm	
Height	1260 mm	
Tare Weight	1.23 MT	
Gross Weight	7.0 MT	

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